

ABSTRACT OF THE DISCLOSURE

A glass wool molded product comprising a layered body of glass wools is characterized in that the layered body does not contain any binder, the layered body is needle punched in a direction orthogonal to a longitudinal direction of the wools thereof, that the layered body is integrally formed, the wools have an average diameter of 3 to $7\mu\text{m}$, and each of the wools has a length between 10 and 200mm. Preferably, the molded product has a multilayer structure in a direction orthogonal to the longitudinal direction of the wools, and the average diameter of the fibers or wools of a first layer differ from each other. Preferably, a density of the second layer that of the second layer differ from each other.